

[illegible]

FINAL PLANS FOR REVIEW

\\projects\comdot\36938292\500 CADD-GIS-Graphics\510 CADD\510.04 Struc. Bridge\MSta. Contract. Sheet. Files\MSH_0301_0163_TSH-V2-S09.dgn

3/28/2016
P:\Projects\CombDot\36936929\500 CADD-GIS-Graphics\510 CADD\510.04 Struc.Bridge\MSta_Contract_Sheet_Files\SB_MSH_PLATFORM_301_163_E-01_GNTS_.dgn

GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, INCIDENTALS AND SERVICES NECESSARY FOR THE COMPLETE EXCUTION OF THE WORK DESCRIBED HEREIN AND/OR AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. MINOR DETAILS NOT USUALLY SPECIFIED, BUT NECESSARY FOR THE PROPER CONSTRUCTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INCLUDED IN THE DRAWINGS.
2. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, AND SHALL MEET THE REQUIREMENTS OF ALL OTHER AUTHORITIES, ORGANIZATIONS AND GOVERNMENTAL AGENCIES HAVING JURISDICTION.
3. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS, INSPECTIONS, INSURANCE BONDS AND CERTIFICATES OF APPROVAL.
4. ALL EXISTING PHYSICAL CONDITIONS CANNOT BE SHOWN ON THE DRAWINGS. BIDDERS ARE ADVISED TO VISIT THE PREMISES TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD, AND BE RESPONSIBLE FOR SAME, PRIOR TO COMMENCING WORK.
6. ALL WORK INDICATED ON THE DRAWINGS SHALL BE CONSIDERED AS NEW UNLESS NOTED AS EXISTING.
7. THE WORK OF THIS CONTRACT IS TO BE PERFORMED WITH A HIGH LEVEL OF QUALITY WORK WHICH IS IN THE OPINION OF THE ENGINEER, NOT IN COMPLIANCE WITH THE HIGHEST RECOGNIZED INDUSTRY STANDARD FOR WORKMANSHIP, OR WORK WHICH HAS BEEN DAMAGED BY FAULTY WORKMANSHIP, WILL BE REMOVED AND REPLACED, OR REPAIRED TO THE SATISFACTION OF THE ENGINEER.
8. THE FACILITY WILL BE IN CONTINUOUS OPERATION DURING THE EXECUTION OF THE WORK. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THE FACILITY TO MINIMIZE DISRUPTIONS TO THE ACTIVITIES OF THE FACILITY. THE REQUIREMENTS OF LOCAL AUTHORITIES AND THE FACILITY MANAGEMENT BEFORE ANY WORK PROCEEDS, NOTIFY THE DESIGNATED REPRESENTATIVE OF THE PROPOSED SCHEDULE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA AND TO ADJACENT AREAS. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES CAUSED DURING THE EXECUTION OF THE WORK.
10. THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND DETERIORATION AND KEEP CLEAN ALL SURFACES AND EQUIPMENT ADJACENT TO THE WORK AT ALL TIMES.
11. AT THE END OF CONSTRUCTION ALL TEMPORARY FACILITIES AND CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE PREMISES AND THE PREMISES SHALL BE LEFT CLEAN.
12. THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING, AND REPAIRING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
13. THE CONTRACTOR SHALL PERFORM ALL OPERATIONS OF DEMOLITION AND REMOVAL AS MAY BE REQUIRED BY THE WORK. ALL WORK SHALL BE DONE IN A CAREFUL AND SYSTEMATIC MANNER.
14. NO DEBRIS SHALL BE ALLOWED TO ACCUMULATE ON THE SITE. DEBRIS SHALL BE REMOVED DAILY AS THE JOB PROCEEDS, AND THE SITE SHALL BE LEFT BROOM CLEAN AT THE COMPLETION OF ANY DEMOLITION.
15. THE RECEPTACLES IN THE CANOPY COLUMNS SHALL BE INDUSTRIAL GRADE DUPLEX RECEPTACLES, 125V, 20A. COMPLY WITH NEMA WD-1, NEAM WD-6 CONFIGURATION 5-20R, AND UL498.
16. THE WIRE SIZES SHALL BE AS SHOWN ON THE DRAWINGS AND SHALL BE CONSISTENT WITH THE EXISTING CIRCUITS.
17. CONDUITS FOR LIGHTING AND RECEPTABLE CIRCUITS SHALL BE RGS AND THE SIZE AS SHOWN ON DRAWINGS. CONDUITS SHALL BE SEALED WITH A BUSHING.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION.
19. POWER CABLE AND COMMUNICATION CABLES SHALL BE RUN IN SEPARATE CONDUITS.
20. ALL ELECTRICAL, LIGHTING, AND COMMUNICATION WORK FOR THE TRACK 7 PASSENGER PLATFORM SHALL BE PAID UNDER LUMP SUM ITEM $\frac{7}{32}$ " RAIL FACILITY UPGRADE (SITE NO. 1) $\frac{9}{32}$ ".

ABBREVIATIONS

A	AMPERES
AFF	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GUAGE
C	CONDUIT
CKT	CIRCUIT
DIA	DIAMETER
EA	EACH
FC	FOOT CANDLES
FT	FOOT
GA	GAUGE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HZ	HERTZ
KCMIL	THOUSAND CIRCULAR MILS
LBS	POUNDS
LED	LIGHT-EMITTING DIODE
LF	LINEAR FEET
LTG	LIGHTING
MAX	MAXIMUM
MIN	MINIMUM
MNR	METRO NORTH RAILROAD
NO	NUMBER
PH	PHASE
PNL	PANEL
RECP	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
V	VOLTS

SYMBOLS

POWER

	MOTOR NUMBER INDICATES HORSEPOWER
	HEAVY DUTY FUSED SAFETY SWITCH. NUMBERS INDICATE POLES AND AMPERE RATING
	SURFACE MOUNTED CIRCUIT BREAKER PANELBOARD 208/120 VAC
	SURFACE MOUNTED CIRCUIT BREAKER PANELBOARD 480/277 VAC
	WIRING IN CONDUIT RUN CONCEALED
	WIRING IN CONDUIT RUN EXPOSED
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	DUPLEX RECEPTACLES 20 AMP, 125 VOLTS
	DUPLEX GFCI RECEPTACLES 20 AMP, 125 VOLTS
	SINGLE POLE TOGGLE SWITCH 15 AMP, 125 VOLT
	TRANSFORMER


COMMUNICATIONS

	SPEAKER MOUNTED ON COLUMN
--	---------------------------

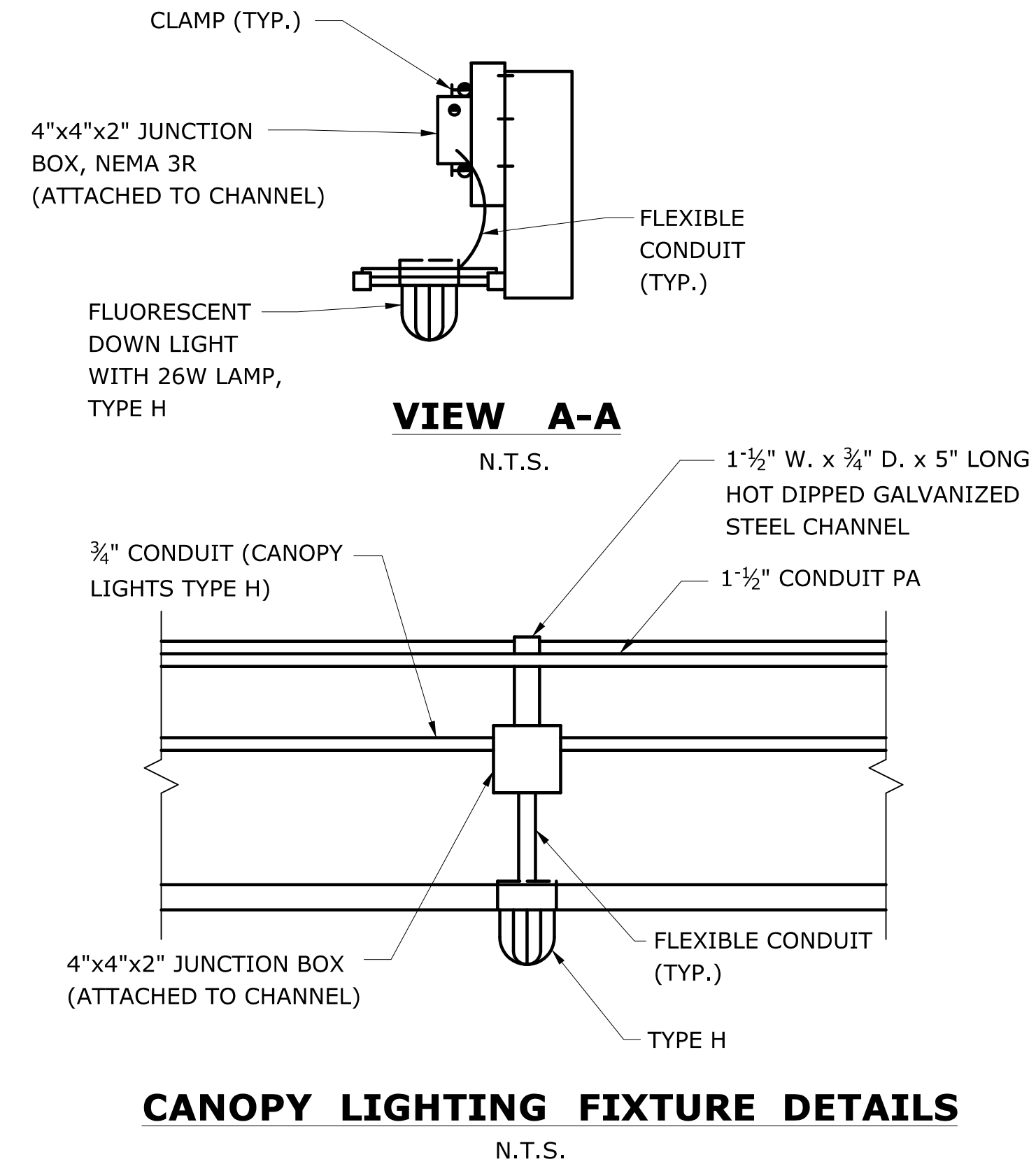
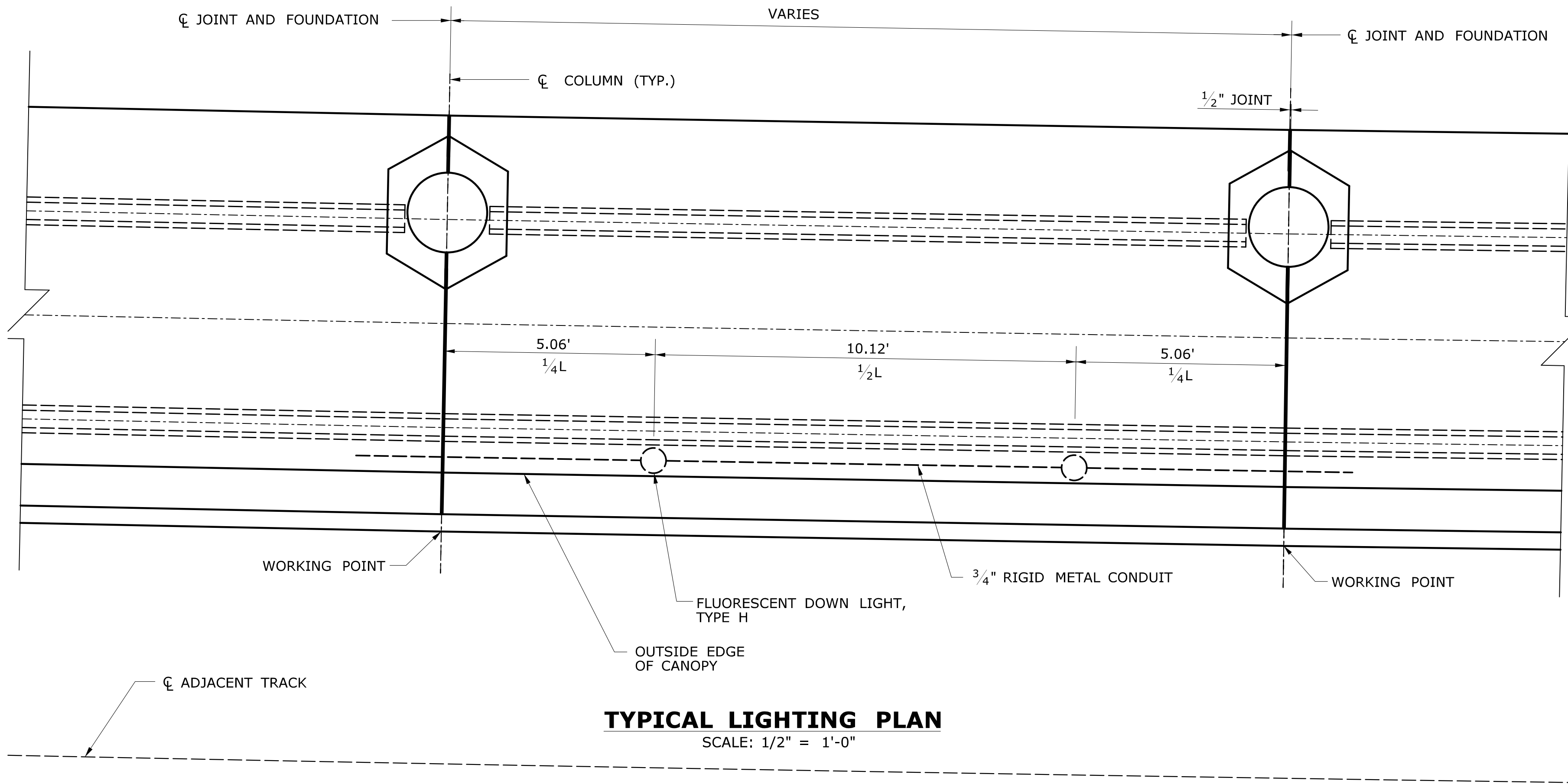
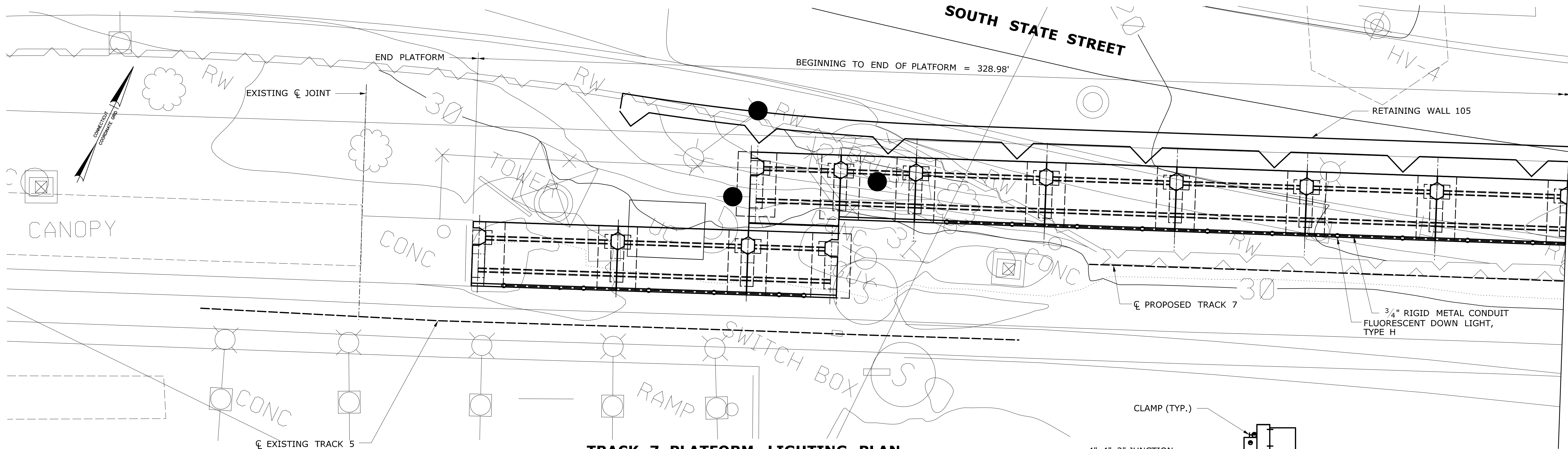
LIGHTING

	LIGHTING POLE WITH 2 LUMINARIES TYPE A
	LIGHTING POLE WITH 1 LUMINARIES TYPE A1
	SAME AS TYPE A1 EXCEPT GROUND MOUNTED POLE TYPE A2
	4'-0" LONG OPEN FLUORESCENT LIGHTING FIXTURE TYPE B
	FLUORESCENT DOWNLIGHT TYPE H
	JUNCTION BOX

FINAL PLANS FOR REVIEW

<div>REV.</div> <div>DATE</div>	<div>REVISION DESCRIPTION</div>	<div>SHEET NO.</div>	<div>Plotted Date: 3/28/2016</div>	<div>DESIGNER/DRAFTER: D. COSTELLO</div> <div>CHECKED BY: M. BROWN</div>	<div><div>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</div><div>Filename: ...\\SB_MSH_PLATFORM_301_163_E-01_GNTS_.dgn</div></div>	<div>SIGNATURE/ BLOCK:</div>	<div>PROJECT TITLE: STAMFORD YARD CATENARY IMPROVEMENTS AND TRACK 7 EXTENSION</div>	<div>TOWN: STAMFORD</div> <div>DRAWING TITLE: GENERAL NOTES, PANEL SCHEDULE</div>	<div>PROJECT NO. 301-163</div> <div>DRAWING NO. E-01</div> <div>SHEET NO. 02.09.001</div>


3/28/2016 P:\Projects\Combod\36939292\500 CADD-GIS-Graphics\510 CADD\510.04 Struc.Bridge\MSta_Contract_Sheet_Files\SB_MSH_PLATFORM_301_163_E-02_PLAN-1.dgn

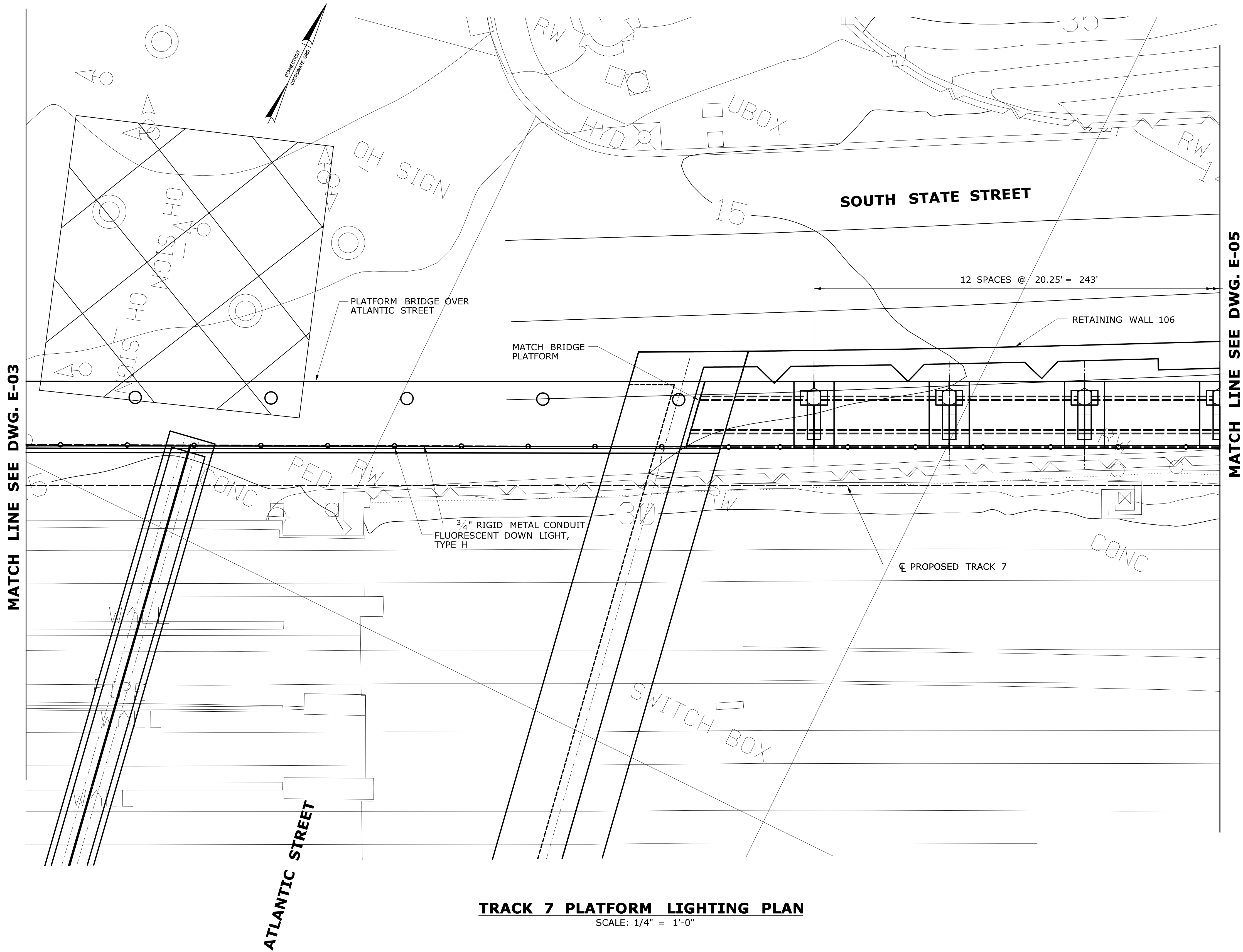


NOTES:

- FOR GENERAL NOTES, SEE SHEET E-01.
- DIMENSIONS FOR CANOPY, PLATFORM AND FOUNDATIONS ARE TO THE CENTERLINE OF THE CANOPY COLUMNS.

FINAL PLANS FOR REVIEW

				DESIGNER/DRAFTER: D. COSTELLO		 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION Filename: ...\\SB_MSH_PLATFORM_301_163_E-02_PLAN-1.dgn	SIGNATURE/ BLOCK:	PROJECT TITLE: STAMFORD YARD CATENARY IMPROVEMENTS AND TRACK 7 EXTENSION	TOWN: STAMFORD	PROJECT NO. 301-163
				CHECKED BY: M. BROWN						DRAWING NO. E-02
				SCALE AS NOTED						SHEET NO. 02.09.002
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/28/2016		DRAWING TITLE: TRACK 7 PLATFORM LIGHTING PLAN 1				



TRACK 7 PLATFORM LIGHTING PLAN
SCALE: 1/4" = 1'-0"

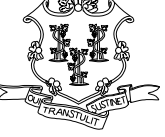
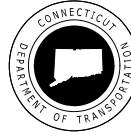
FINAL PLANS FOR REVIEW			
		STAMFORD	
PROJECT TITLE:		TOWN:	
STAMFORD YARD CATENARY IMPROVEMENTS AND TRACK 7 EXTENSION		TRACK 7 PLATFORM LIGHTING PLAN 3	
SIGNATURE/ BLOCK:		DRAWING TITLE:	
		301-163	
DESIGNER/DRAFTER:		PROJECT NO.:	
D. COSTELLO		301-163	
CHECKED BY:		DRAWING NO.:	
M. BROWN		E-04	
SCALE AS NOTED		SHEET NO.:	
		02.09.004	

3/28/2016
P:\Projects\Combod\36939292\500 CADD-GIS-Graphics\510 CADD\510.04 Struct Bridge\MSH PLATFORM_301_163_E-04_PLAN-3.dgn

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
D. COSTELLO
CHECKED BY:
M. BROWN
SCALE AS NOTED

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**

Filename: ...\\SB_MSH_PLATFORM_301_163_E-04_PLAN-3.dgn

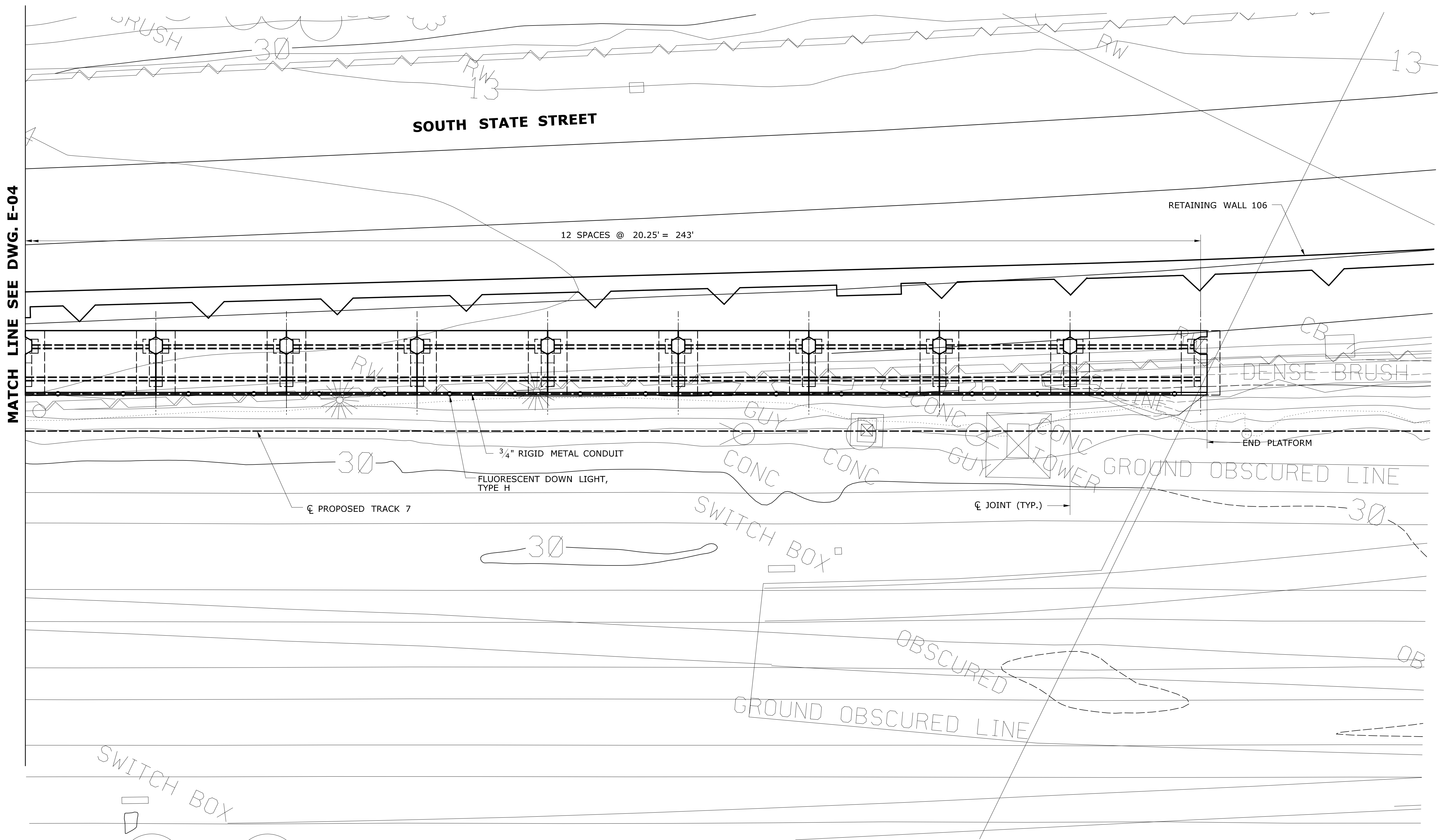
SIGNATURE/
BLOCK:

PROJECT TITLE:
**STAMFORD YARD
CATENARY IMPROVEMENTS
AND TRACK 7 EXTENSION**

TOWN:
STAMFORD
DRAWING TITLE:
**TRACK 7 PLATFORM
LIGHTING PLAN 3**

PROJECT NO.:
301-163
DRAWING NO.:
E-04
SHEET NO.:
02.09.004

3/28/2016
P:\Projects\Combod\36939292\500 CADD-GIS-Graphics\510 CADD\510.04 Struc.Bridge\MSta_Contract_Sheet_Files\SB_MSH_PLATFORM_301_163_E-05_PLAN-4.dgn



TRACK 7 PLATFORM LIGHTING PLAN
SCALE: 1/4" = 1'-0"

FINAL PLANS FOR REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.


THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.


Plotted Date: 3/28/2016

DESIGNER/DRAFTER:
D. COSTELLO

CHECKED BY:
M. BROWN

SCALE AS NOTED

**STATE OF CONNECTICUT**
DEPARTMENT OF TRANSPORTATION



Filename: ...\\SB_MSH_PLATFORM_301_163_E-05_PLAN-4.dgn

SIGNATURE/
BLOCK:

PROJECT TITLE:
**STAMFORD YARD
CATENARY IMPROVEMENTS
AND TRACK 7 EXTENSION**

TOWN:
STAMFORD

DRAWING TITLE:
**TRACK 7 PLATFORM
LIGHTING PLAN 4**

PROJECT NO.
301-163

DRAWING NO.
E-05

SHEET NO.
02.09.005

PANEL BOARD TO BE EVALUATED
WITH A FIELD SITE VISIT AND SHALL
BE REVISED ACCORDINGLY

PANEL BOARD " " "

VOLTAGE: 208/120V
LOCATION:

CIR. NO.	AREA SERVED/ DESCRIPTION	BREAKER		LOAD (VA)			<div><div>AΦ</div><div>BΦ</div><div>CΦ</div></div>			LOAD (VA)			BREAKER		AREA SERVED/ DESCRIPTION	CIR. NO.
		AMPS	POLE	AΦ	BΦ	CΦ	AΦ	BΦ	CΦ	AMPS	POLE					
1		↑	1				<div><div></div><div></div><div></div></div>					20A	1		2	
3		100A	1				<div><div></div><div>●</div><div></div></div>					20A	1		4	
5		↓	1				<div><div></div><div></div><div>●</div></div>					20A	1		6	
7		20A	1				<div><div></div><div>●</div><div></div></div>					20A	1		8	
9		20A	1				<div><div></div><div></div><div>●</div></div>					20A	1		10	
11		20A	1				<div><div></div><div></div><div>●</div></div>					20A	1		12	
13		20A	1				<div><div></div><div>●</div><div></div></div>					20A	1		14	
15		20A	1				<div><div></div><div></div><div>●</div></div>					20A	1		16	
17		20A	1				<div><div></div><div></div><div>●</div></div>					20A	1		18	
							ASCO CONTROLLED									
1	SPACE						<div><div></div><div></div><div></div></div>		660			20A	1		2	
3	SPACE						<div><div></div><div>●</div><div></div></div>		660	660		20A	1		4	
5	SPACE						<div><div></div><div></div><div>●</div></div>					20A	1		6	
7	SPACE						<div><div></div><div>●</div><div></div></div>					20A	1		8	
9	SPACE						<div><div></div><div></div><div>●</div></div>					20A	1		10	
11	SPACE						<div><div></div><div></div><div>●</div></div>					20A	1		12	
		TOTAL A									TOTAL (Y)					
		TOTAL B														
		TOTAL C														
		TOTAL LOAD														

NOTES

1. THE CONTRACTOR SHALL VERIFY THAT THESE ARE THE CIRCUITS TO WHICH THE ADDITIONAL FIXTURES ARE ADDED. THE CIRCUITS INVOLVED ARE SHOWN BOLD.
2. OPEN THE ASSOCIATED BREAKERS BEFORE SPLICING THE EXISTING CABLES WITH NEW CABLES IN JUNCTION BOXES.

FINAL PLANS FOR REVIEW

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--